

1642
PATENT

Attorney Docket No. UCSD-07017

P#8

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Maurizio Zanetti

Serial No.: 09/788,110

Group No.: Not yet assigned

Filed: 02/15/2001

Examiner: Not yet assigned

Entitled: **A Universal Vaccine and Method for Treating
Cancer Employing Telomerase Reverse
Transcriptase****TRANSMITTAL FOR
INFORMATION DISCLOSURE STATEMENT**Assistant Commissioner for Patents
Washington, D.C. 20231**RECEIVED**

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By: 

Cliff Cannon-Cin

Sir or Madam:

Enclosed please find an Information Disclosure Statement, Form PTO-1449 and copy of 68 references for filing in the U.S. Patent and Trademark Office.

In the event a petition is required in order to have this Information Disclosure Statement considered, please consider this a petition therefor.

The Commissioner is hereby authorized to charge any fee or credit overpayment related to this filing to our Deposit Account No. 08-1290. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

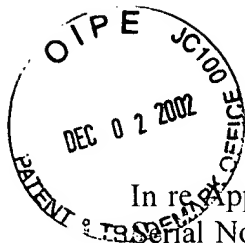
Signed on behalf of:

Dated: 11/27/2002

Maha A. Hamdan

Registration No. 43,655

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The citations listed below, copies attached, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

The following patents are referred to in the body of the specification:

- US Patent No. 4,622,952 issued 11/18/86 to Gordon;
- US Patent No. 5,658,234 issued 8/19/97 to Dunlavy;
- US Patent No. 6,106,829 issued 8/22/00 to He *et al.*;

The following publications are referred to in the body of the specification:

- Mattes *et al.* (1983) "A Pigmentation-associated, Differentiation Antigen of Human Melanoma Defined by a Precipitating Antibody in Human Serum," *Int. J. Cancer* 32:717;
- Tai *et al.* (1983) "Glycoproteins as Differentiation Markers in Human Malignant Melanoma and Melanocytes," *Cancer Res.* 43:2773;

- Thomson *et al.* (1988) "Differentiation Antigens of Melanocytes and Melanoma: Analysis of Melanosome and Cell Surface Markers of Human Pigmented Cells with Monoclonal Antibodies," J. Invest. Dermatol. 90:459;
- Zakian (1995) "Telomeres: Beginning to Understand the End," Science 270:1601;
- Blackburn and Gall (1978) "A Tandemly Repeated Sequence at the Termini of the Extrachromosomal Ribosomal RNA Genes in *Tetrahymena*," J. Mol. Biol. 120:33;
- Oka *et al.* (1980) "Inverted terminal repeat sequence in the macronuclear DNA of *Stylonychia pustulata*," Gene 10:301;
- Klobutcher *et al.* (1981) "All gene-sized DNA molecules in four species of hypotrichs have the same terminal sequence and an unusual 3' terminus," Proc. Natl. Acad. Sci. 78:3015; and
- Wellinger *et al.* (1993) "Origin Activation and Formation of Single-Strand TG₁₋₃ Tails Occur Sequentially in Late S Phase on a Yeast Linear Plasmid," Mol. Cell. Biol. 13:4057.

Applicants have become aware of the following printed publication which may be material to the examination of this application and which are listed in alphabetical order:

- US Patent No. 5,635,188 issued 6/3/97 to Bystryn;
- US Patent No. 6,168,946 issued 1/2/01 to Houghton *et al.*;
- Minev *et al.* (2000) "Cytotoxic T cell immunity against telomerase reverse transcriptase in humans," Proc. Natl. Acad. Sci. USA 97:4796-4801;
- Vonderheide *et al.* (1999) "The Telomerase Catalytic Subunit Is a Widely Expressed Tumor-Associated Antigen Recognized by Cytotoxic T Lymphocytes," Immunity 10:673-679;
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- Blackburn (1991) "Structure and function of telomeres," Nature 350:569-73;
- Greider (1994) "Mammalian telomere dynamics: healing, fragmentation shortening and stabilization," Curr. Opin. Genet. Devel. 4:203-11;

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- Weng *et al.* (1996) "Regulated Expression of Telomerase Activity in Human T Lymphocyte Development and Activation," J. Exp. Med. 183:2471-9;
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- Lee *et al.* (1998) "Essential role of mouse telomerase in highly proliferative organs," Nature 392:569-74;
- Kim *et al.* (1994) "Specific Association of Human Telomerase Activity with Immortal Cells and Cancer," Science 266:2011-5;
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- Bodnar *et al.* (1998) "Extension of Life-Span by Introduction of Telomerase into Normal Human Cells," Science 279:349-52;
- Rudolph *et al.* (1999) "Longevity, Stress Response, and Cancer in Aging Telomerase-Deficient Mice," Cell 96:701-12;
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- Morales *et al.* (1999) "Absence of cancer-associated changes in human fibroblasts immortalized with telomerase," Nature Genetics 21:115-8;
- Hahn *et al.* (1999) "Creation of human tumour cells with defined genetic elements," Nature 400:464-8;
- Broccoli *et al.* (1995) "Telomerase activity in normal and malignant hematopoietic cells," Proc. Natl. Acad. Sci. USA 92:9082-6;
- Shay *et al.* (1997) "A Survey of Telomerase Activity in Human Cancer," Eur. J. Cancer 33:787-91;

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- Nakamura *et al.* (1997) "Telomerase Catalytic Subunit Homologs from Fission Yeast and Human," *Science* 277:955-9;
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- Schwartz (1990) "A Cell Culture Model for T Lymphocyte Clonal Anergy," *Science* 248:1349-56;
- Firat *et al.* (1999) "H-2 class I knockout, HLA-12.1-transgenic mice: a versatile animal model for preclinical evaluation of antitumor immunotherapeutic strategies," *Eur. J. Immunol.* 29:3112-21;
- Lee (1990) in *The HLA System*, ed. Lee, J. (Springer-Verlag, NY), pp 141-178;
- Fernandez-Vina *et al.* (1992) "DNA Typing for HLA Class I Alleles: I. Subsets of HLA-A2 and of -A28," *Human Immunol.* 33:163-73;
- Krausa *et al.* (1995) "Genetic polymorphism within HLA-A*02: significant allelic variation revealed in different populations," *Tissue Antigens* 45:223-31;
- Ruppert *et al.* (1993) "Prominent Role of Secondary Anchor Residues in Peptide Binding to HLA-A2.1 Molecules," *Cell.* 74:929-37;
- Parker *et al.* (1994) "Scheme for Ranking Potential HLA-A2 Binding Peptides Based on Independent Binding of Individual Peptide Side-Chains," *J. Immunol.* 152:163-75;
- Vitiello *et al.* (1991) "Analysis of the HLA-restricted Influenza-specific Cytotoxic T Lymphocyte Response in Transgenic Mice Carrying a Chimeric Human-Mouse Class I Major Histocompatibility Complex," *J. Exp. Med.* 173:1007-15;
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- van der Burg *et al.* (1996) "Immunogenicity of Peptides Bound to MHC Class I Molecules Depends on the MHC-Peptide Complex Stability," J. Immunol. 156:3308-14;
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- Hunt *et al.* (1992) "Characterization of Peptides Bound to the Class I MHC Molecule HLA-A2.1 by Mass Spectrometry," Science 1261-3;
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- Hiyama *et al.* (1995) "Activation of Telomerase in Human Lymphocytes and Hematopoietic Progenitor Cells," J. Immunol. 155:3711-15;
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- Doyle *et al.* (1985) "Markedly Decreased Expression of Class I Histocompatibility Antigens, Protein, and mRNA in Human Small-Cell Lung Cancer," J. Exp. Med. 161:1135-51;
- Momburg *et al.* (1986) "Loss of HLA-A,B,C and *De Novo* Expression of HLA-D in Colorectal Cancer," Int. J. Cancer 37:179-84;
- Restifo *et al.* (1993) "Identification of Human Cancers Deficient in Antigen Processing," J. Exp. Med. 177:265-72;
- Cromme *et al.* (1994) "Loss of Transporter Protein, Encoded by the TAP-1 Gene, is Highly Correlated with Loss of HLA Expression in Cervical Carcinomas," J. Exp. Med. 179:335-40;
- Rosenberg *et al.* (1998) "Immunologic and therapeutic evaluation of a synthetic peptide vaccine for the treatment of patients with metastatic melanoma," Nature Med. 4:321-27;

- Nestle *et al.* (1998) "Vaccination of melanoma patients with peptide- or tumor lysate-pulsed dendritic cells," *Nature Med.* 4:328-332;
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- Morgan *et al.* (1998) "Activation of Low Avidity CTL Specific for a Self Epitope Results in Tumor Rejection But Not Autoimmunity," *J. Immunol.* 160:643-51;
- Overwijk *et al.* (1999) "Vaccination with a recombinant vaccinia virus encoding a "self" antigen induces autoimmune vitiligo and tumor cell destruction in mice: Requirement for CD4⁺ T lymphocytes," *Proc. Natl. Acad. Sci. USA* 96:2982-7;
- Hu *et al.* (1993) "An Evaluation of the Potential to Use Tumor-associated Antigens as Targets for Antitumor T Cell Therapy Using Transgenic Mice Expressing a Retroviral Tumor Antigen in Normal Lymphoid Tissues," *J. Exp. Med.* 177:1681-90;
- Uyttenhove *et al.* (1997) "The Expression of Mouse Gene *P1A* In Testis Does Not Prevent Safe Induction of Cytolytic T Cells Against a P1A-Encoded Tumor Antigen," *Int. J. Cancer* 70:349-56;
- Falk *et al.* (1991) "Allele-specific motifs revealed by sequencing of self-peptides eluted from MHC molecules," *Nature* 351:290-6;
- Rotzschke *et al.* (1990) "Isolation and analysis of naturally processed viral peptides as recognized by cytotoxic T cells," *Nature* 348:252-254; and
- Schumacher *et al.* (1991) "Peptide selection by MHC class I molecules," *Nature* 350:703-6.

This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

Signed on behalf of:

Dated: November 27, 2002

A handwritten signature in dark ink, appearing to read "Maha Hamdan", is written over a horizontal line.

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Registration No. 43,655

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FORM PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.: UCSD-07017

Serial No.: 09/788,110

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use Several Sheets If Necessary)

Applicant: Maurizio Zanetti

(37 CFR § 1.98(b))

Filing Date: 02/15/01

Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
	1	4,622,952	11/18/86	Gordon			
	2	5,658,234	8/19/97	Dunlavy			
	3	6,106,829	8/22/00	He <i>et al.</i>			
	4	6,168,946	1/2/01	Houghton <i>et al.</i>			
	5	5,635,188	6/3/97	Bystryn			

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6	✓	Mattes <i>et al.</i> (1983) "A Pigmentation-associated, Differentiation Antigen of Human Melanoma Defined by a Precipitating Antibody in Human Serum," <i>Int. J. Cancer</i> 32:717
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14	✓	Minev <i>et al.</i> (2000) "Cytotoxic T cell immunity against telomerase reverse transcriptase in humans," <i>Proc. Natl. Acad. Sci. USA</i> 97:4796-4801
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17	✓	Blackburn (1991) "Structure and function of telomeres," <i>Nature</i> 350:569-73
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FORM PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.: UCSD-02424

Serial No.: 08/723,052

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use Several Sheets If Necessary)Applicant: Mario Chojkier *et al.*

(37 CFR § 1.98(b))

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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

- | | |
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| 26 | Bodnar <i>et al.</i> (1998) "Extension of Life-Span by Introduction of Telomerase into Normal Human Cells," Science 279:349-52 |
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FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: UCSD-02424	Serial No.: 08/723,052
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)				Applicant: Mario Chojkier <i>et al.</i>	
(37 CFR § 1.98(b))				Filing Date: 09/30/96	Group Art Unit:
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)					
55	✓	Momburg <i>et al.</i> (1986) "Loss of HLA-A,B,C and <i>De Novo</i> Expression of HLA-D in Colorectal Cancer," Int. J. Cancer 37:179-84			
56	✓	Restifo <i>et al.</i> (1993) "Identification of Human Cancers Deficient in Antigen Processing," J. Exp. Med. 177:365-71			
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